



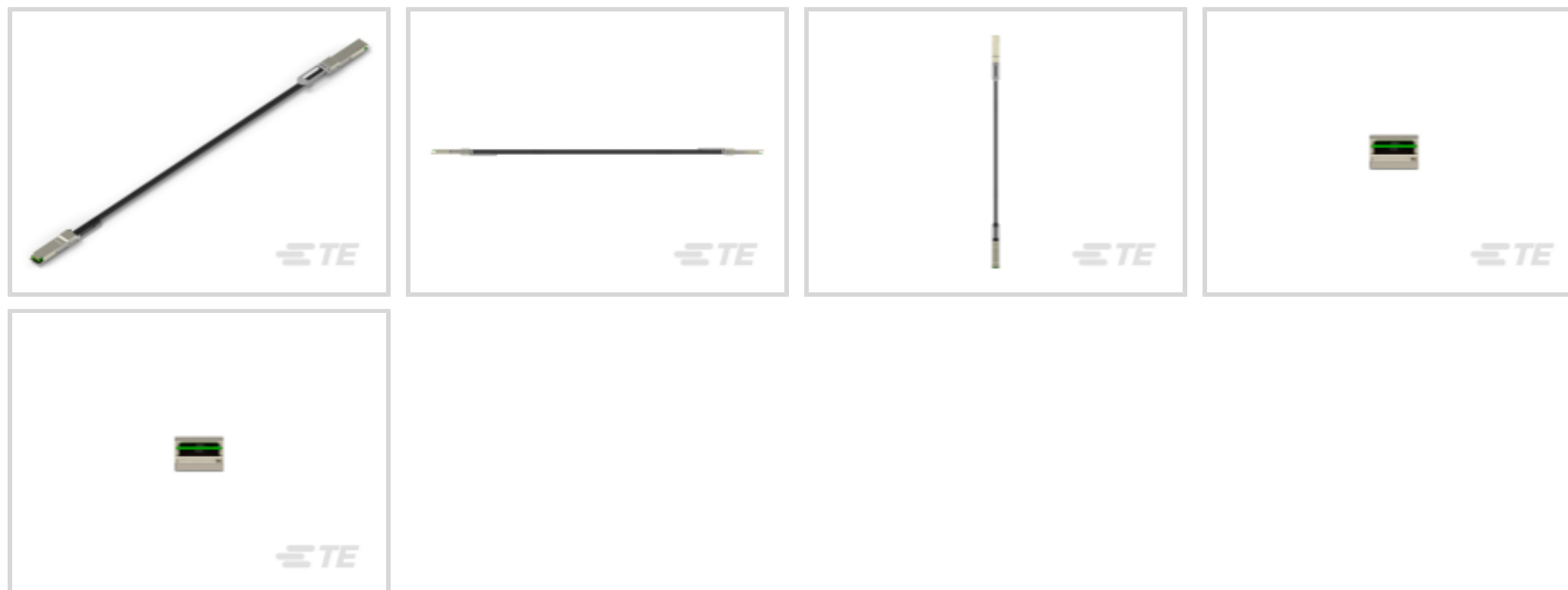
**QSFP56**

TE Internal #: 4-2333393-1

QSFP28 Cable Assembly, 16 Positions, .164 ft [.5 m], 56 Gb/s, Black Cable, Shielded, 30 AWG, .051 mm<sup>2</sup>, Madison TurboTwin - Round Jacketed, QSFP28 Plug

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > Pluggable I/O Cable Assemblies > QSFP56 to QSFP56 Cable Assembly: 30 AWG



Cable Assembly Type: **QSFP28**

Cable Assembly (End A): **QSFP28 Plug**

Cable Assembly (End B): **QSFP28 Plug**

Wire Size: **.051 mm<sup>2</sup>**

[All QSFP56 to QSFP56 Cable Assembly: 30 AWG \(4\)](#)

**Features**

**Product Type Features**

|                         |                                    |
|-------------------------|------------------------------------|
| Cable Assembly Category | High Speed, Industry Standard      |
| Cable Assembly Type     | QSFP28                             |
| Cable Assembly (End A)  | QSFP28 Plug                        |
| Cable Assembly (End B)  | QSFP28 Plug                        |
| Cable Style             | Madison TurboTwin - Round Jacketed |

**Configuration Features**

|                            |    |
|----------------------------|----|
| Number of Positions        | 16 |
| Number of Pairs            | 8  |
| Number of Signal Positions | 16 |

**Electrical Characteristics**

|           |       |
|-----------|-------|
| Impedance | 100 Ω |
|-----------|-------|

**Signal Characteristics**

|           |         |
|-----------|---------|
| Data Rate | 56 Gb/s |
|-----------|---------|



### Body Features

|                           |       |
|---------------------------|-------|
| Cable Color               | Black |
| Cable Flammability Rating | CL2   |
| Equalized                 | No    |

### Dimensions

|                        |                      |
|------------------------|----------------------|
| Wire Size              | .051 mm <sup>2</sup> |
| Outside Cable Diameter | 6.2 mm [.244 in]     |

### Operation/Application

|              |     |
|--------------|-----|
| Shielded     | Yes |
| Halogen Free | No  |

### Other

|                       |                |
|-----------------------|----------------|
| Cable Assembly Length | .5 m [.164 ft] |
|-----------------------|----------------|

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions  |
| EU ELV Directive 2000/53/EC                   | Not Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold   |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2021 (211)<br>Does not contain REACH SVHC |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.   |
| Solder Process Capability                     | Not reviewed for solder process capability   |

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>



## Compatible Parts



## Also in the Series | QSFP56



## Customers Also Bought



## Documents

### Product Drawings

[QSFP 56GIG 30AWG 0.5 METER](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2333393-1\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2333393-1\\_A.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_4-2333393-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English